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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	10/622,178
Filing Date	July 17, 2003
First Named Inventor	Popiolkowski et al.
Art Unit	28771
Examiner Name	Unknown

Attorney Docket Number AMAT/6162.P1/CPS/IBSS/LAP

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JKZ	1	US- 2002/0006766	01-17-2002	Haerle, et al.	
JKZ	2	US- 3,514,391	05-26-1970	Hablianian, et al.	
JKZ	3	US- 4,724,060	02-09-1988	Sakata, et al.	
JKZ	4	US- 5,064,698	11-12-1991	Courtright, et al.	
JKZ	5	US- 5,135,629	08-04-1992	Sawada, et al.	
JKZ	6	US- 5,459,297	10-17-1995	Boppel, et al.	
JKZ	7	US- 5,614,071	03-25-1997	Mahvan, et al.	
JKZ	8	US- 5,632,869	05-27-1997	Hurwitt, et al.	
JKZ	9	US- 5,656,093	08-12-1997	Burkhart, et al.	
JKZ	10	US- 5,711,813	01-27-1998	Kadoiwa, et al.	
JKZ	11	US- 5,804,046	09-08-1998	Sawada, et al.	
JKZ	12	US- 5,830-330	11-03-1998	Lantsman, Alexander D.	
JKZ	13	US- 5,837,057	11-17-1998	Koyama, et al.	
JKZ	14	US- 5,838,016	11-17-1998	Johnson, Edward A.	
JKZ	15	US- 6,162,297	12-19-2000	Mintz, et al.	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature

Janne L. Leyhausen

Date Considered

5/1/04

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NON-PATENT LITERATURE DOCUMENTS

Examiner Signature	<i>Jane J. Lyman</i>	Date Considered	5/1/04
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U.S. PATENT DOCUMENTS

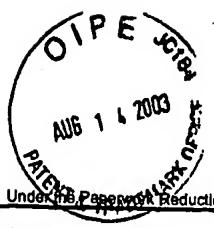
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					T ⁶
LL	8	WO 98/31845 A1	07/28/1998	Layne F. Bottomfield et al.	
LL	9	WO 01/40540 A1	06/07/2001	Tegal Corporation	
LL	10	WO 02/094497 A2	11/28/2002	The Welding Institute	
LL	11	WO 02/094497 A3	11/28/2002	The Welding Institute	
LL	12	EP 0 167 360	01/08/1986	IBM Corporation	

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Sheet 2

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First Named Inventor	Popiolkowski et al.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	AMAT/6162 P1/CPS/IBSS/LAB

NON PATENT LITERATURE DOCUMENTS

Examiner Signature	<i>Jeanne J. Patterson</i>	Date Considered	5/11/04
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